

Missouri State University Science Specialty Addendum

Student Teacher Name:	Block: 1 2 Date:
Cooperating Teacher:	School/District
University Supervisor:	Grade/Course

Trait Name	Trait Description	Ratings				
		High Level	Satisfactory	Needs Improvement	Not Observed	Not Applicable
Science 1.0.0	The candidate has an understanding of scientific concepts and can explain the concepts to students in multiple ways. NSTA 1; US:SA 1, 6-11; CA:SA 1, 3-5	3	2	1	(NO)	(NA)
Science 2.0.0	The candidate incorporates explicit instruction about the nature of science into lessons on a regular basis. NSTA 2; US:SA 2; CA:SA 8	3	2	1	(NO)	(NA)
Science 3.0.0	The candidate incorporates explicit instruction about the impact of science on social issues into lessons. NSTA 4; US:SA 4; CA:SA 7	3	2	1	(NO)	(NA)
Science 4.0.0	The candidate uses prior conceptions and interests of students to promote their learning of science. NSTA 5	3	2	1	(NO)	(NA)
Science 5.0.0	The candidate plans and teaches lessons that require students to collect and analyze scientific data. NSTA 3; US:SA 3; CA:SA 2	3	2	1	(NO)	(NA)
Science 6.0.0	The candidate plans and teaches lessons that require students to construct understandings from scientific data. NSTA 3; US:SA 3; CA:SA 2	3	2	1	(NO)	(NA)
Science 7.0.0	The candidate demonstrates the ability to relate science concepts to the "real life" of the students. NSTA 5	3	2	1	(NO)	(NA)
Science 8.0.0	The candidate plans and teaches lessons that engage students in concrete experiences with scientific phenomena. NSTA 5	3	2	1	(NO)	(NA)
Science 9.0.0	The candidate requires students to follow safety rules and enforces consequences for failure to follow rules. NSTA 9; US:SA 5	3	2	1	(NO)	(NA)
Science 10.0.0	The candidate practices legal and ethical responsibilities of science teachers for the welfare of their students. NSTA 9; US:SA 5	3	2	1	(NO)	(NA)
Science 11.0.0	The candidate practices safe and proper techniques for the preparation, storage, dispensing, supervision, and disposal of all materials used in science instruction. NSTA 9; US:SA 5	3	2	1	(NO)	(NA)
Science 12.0.0	The candidate follows emergency procedures, maintains safety equipment, and ensures safety procedures appropriate for the activities and the abilities of students. NSTA 9; US:SA 5	3	2	1	(NO)	(NA)
Science 13.0.0	The candidate treats all living organisms used in the classroom or found in the field in a safe, humane, and ethical manner and respect legal restrictions on their collection, keeping, and use. NSTA 9; US:SA 5	3	2	1	(NO)	(NA)
Science 14.0.0	The candidate develops lessons that use advanced technologies to collect data and to teach students science. NSTA 5; CA:SA 2,6	3	2	1	(NO)	(NA)
Science Influence on Student Learning	The student teacher influences student learning to ensure high levels of achievement among all students. Comment required.	3	2	1	(NO)	(NA)

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Influence on Student Learning (Comment Required):	
General Comments (optional):	
General Comments (optional).	